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(54)Mounting mechanism for sliding glass doors

(57)Mechanism for mounting sliding glass doors, consisting of an upper rail (3-4), lower guides (5-6) and suspension heads (7-8) attachable to the upper edge of the door (1-2) and having rolling elements (9-10) which can move along the upper rail. The suspension heads are made from two baseplates which are connected to

each other and to the door and which have on their inner face from the upper edge corresponding matching indentations with a longitudinal channel or groove (19) which define guides between which is mounted a baseplate (20) with an orifice for a screw (22) which attaches it to the rolling elements (19).

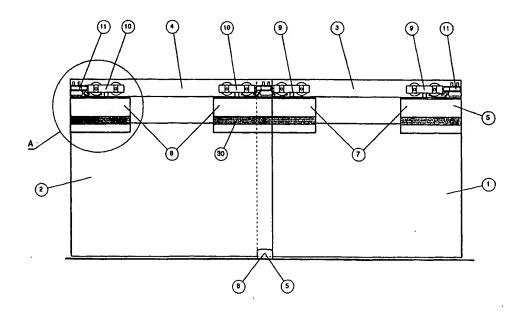
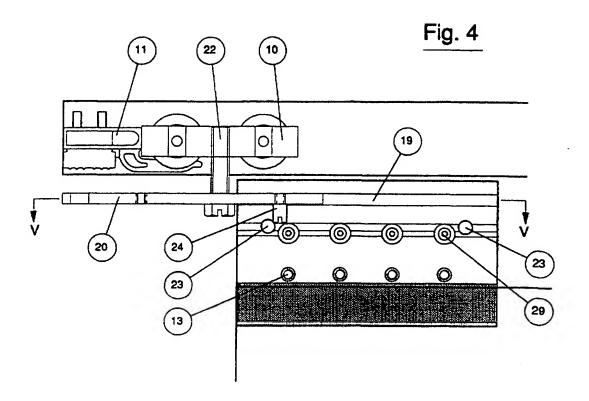


Fig. 1





EUROPEAN SEARCH REPORT

Application Number EP 99 50 0037

ategory	Citation of document with indica of relevant passages	ition, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.6)
(DE 32 38 204 A (PAULI METALLWAREN) 19 April	1984 (1984-04-19)	1,3,4	E05D15/06 E05D5/02
, i	* page 13, line 8 - page 13, line 8 - page 13, line 8 - page 1 - p	age 16, line 19; ,2 * 	2	
'	GB 531 950 A (VIKTOR 14 January 1941 (1941	KUHNLEIN) -01-14)	2	
	* column 1, line 40 - figures 1-4 *	column 3, line 49;	1,3-5	
				TECHNICAL FIELDS SEARCHED (Int.CI.6)
				E05D
	The present search report has been	drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
MUNICH		10 January 2003	ry 2003 Balice, M	
X : partic Y : partic	TEGORY OF CITED DOCUMENTS sularly relevant if taken alone ularly relevant if combined with another ment of the earne category	T : theory or princi E : earlier patent d after the filing d	ple underlying the in locument, but publis ate I in the application	vention

EPO FORM 1503 03,82 (P04001)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

4 ...

EP 99 50 0037

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

10-01-2003

	Patent docume cited in search re	port	Publication date		Patent family member(s)	Publication date
DE	3238204	Α	19-04-1984	DE	3238204 A1	19-04-1984
	531950	A		NONE		***********

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82